

Hall.

Gen. Hector Tyndale,
Mr. S. W. Roberts,
Mr. J. Sergeant Price.

Library.

Mr. E. K. Price,
Rev. Dr. Krauth,
Dr. G. H. Horn,
Dr. Kinderdine,
Prof. Houston.

Pending nominations Nos. 871, 872, 873 were read, and Nos. 871 and 873 balloted for. No. 872 was postponed on account of the absence of its nominators.

The reading of the list of members was postponed.

On a scrutiny of the ballot boxes by the presiding officer, the following were declared duly elected members of the Society :

Charles B. Dudley, Ph. D., Altoona, Pa.

Philip H. Law, of Philadelphia.

And the meeting was adjourned.

Stated Meeting, February 7, 1879.

Present, 19 members.

Vice-President, Mr. FRALEY, in the Chair.

Letters accepting membership were received from Dr. Charles Benjamin Dudley, dated Altoona, January 20, 1879; and from Mr. Philip Howard Law, dated Philadelphia, January 20, 1879.

Letters of envoy were received from the Batavian Society of Sciences, Batavia, dated December 15, 1874, August 20,

1875, March, 1876, and October 20, 1877; from the Natural History Society at Chemnitz; and from the Physical Society at Geneva, dated September 15, 1878.

A letter of acknowledgment was received from the Physical Society at Geneva (99, 100).

A letter from Mrs. S. N. Byington, to Dr. Brinton, enclosing a letter from Major J. W. Powell, of Washington, requesting the loan of the manuscript Choctaw grammar, written by the late Rev. Cyrus Byington in 1833, for the purpose of having it published along with Mr. Byington's Choctaw Dictionary, under the editorial care of Prof. O. T. Mason, was read. On motion the Librarian was authorized to loan the manuscript from the Library, for the needful time, on a guarantee of its safe return.

Donations for the Library were received from the Royal Societies of Victoria and New South Wales; the Mining Department of New South Wales; the Academies at St. Petersburg, Berlin, Copenhagen, the Hague, and Brussels; the Natural History Society at Moscow; the Geological Society at Berlin; the Societies at Offenbach, Chemnitz, Geneva and Bordeaux; the Observatory at St. Petersburg; the Geographical Society, *Revue Politique*, and M. Delesse at Paris; the Royal Astronomical and Meteorological Societies, Meteorological Committee, Lords of Admiralty, and Editors of *Nature*, London; the Boston Natural History Society; Harvard College; Silliman's Journal; American Journal of Ontology in New York; the Brooklyn Entomological Society; the Pennsylvania Historical Society, *Journal of Pharmacy*, Editors of *Naturalists' Leisure Hour*, and *Robinson's Epitome of Literature* at Philadelphia; the Librarian of Congress, and J. W. Powell, at Washington; Mr. M. C. Reed, Hudson, Ohio; the *Botanical Gazette*; the *Ministerio de Fomento*; and the Argentine Scientific Society at Buenos Ayres.

Copies of Proceedings No. 102, and card list of meetings and officers for the year, just published by the Secretaries, were laid on the table.

A letter from the Corresponding Secretary of the Kentucky Historical Society, dated Lexington, Ky., January 20, 1879, was read, and, on motion, the name of that Society was placed on the list of correspondents to receive the Proceedings, from the beginning of the current volume.

A letter respecting exchanges was received from the Michigan Library Association at Coldwater, Mich., dated January 20, 1879.

An obituary notice of the late Robert Frazer, was read by Professor Frazer.

The death of Dr. John B. Biddle at Philadelphia, January 19, 1879, aged 66 years, was announced, and on motion Dr. Henry C. Chapman was appointed to prepare an obituary notice of the deceased.

The death of Judge John Cadwalader, at Philadelphia, January 26, 1879, aged 73 years, was announced by Mr. Fraley, and on motion Mr. McCall was appointed to prepare an obituary notice of the deceased.

A communication, entitled "Preliminary notice of an investigation on *Petrocene*, a product of the destructive distillation of Petroleum, by Samuel P. Sadtler and H. G. McCarter," was read by the Secretary.

A communication respecting some remarkable conjunctions of semi-anthracite and semi-bituminous coal beds in Sullivan county, and certain hygrometric cokes, by Franklin Platt, Assistant on the Geological Survey of Pennsylvania, was read by the Secretary.

A communication, entitled "Some notes upon the collection of coins and medals, now on exhibition at the Pennsylvania Museum and School of Industrial Art, in Memorial Hall, Fairmount Park, Philadelphia, by Henry Phillips, Jr., A. M.," was read by the Secretary.

An essay on the Philosophy of Christianity was read by Prof. P. E. Chase, pursuant to notice given on the card (see page 123 above).

A new combination of Peaucellier cells intended for drawing arcs of large circles and straight lines, by students of the University, was exhibited and explained by Prof. Marks.

Dr. König announced that he proposed to show his new chrometric apparatus at the next meeting of the Society, and give a detailed report of its workings.

The Chairman of the Michaux Legacy Committee, Mr. E. K. Price, read its annual report, as follows :

To the American Philosophical Society :

The Committee on The Michaux Legacy respectfully report :

That the income received from the Government of France, during the last year, was \$534.33, of which one-half, \$267.16, was paid to the Fairmount Park Commissioners for the purchase of trees ; Michaux's *Sylva* for Park Library, \$40 ; for Dr. Rothrock's Lectures on Botany and Trees in the Park, \$280 ; advertising ditto, \$50 ; Journals of Forestry, three copies, \$11.87 ; planting trees round the University in 1877, \$88.80 ; in 1878, \$56.83 ; printing in 1877, \$30.25. The payments last year exceed the income of the year, \$168.43 ; but there is considerable arrears of income unspent.

The Park Commissioners have on hand for the purchase of trees, of Michaux Legacy, \$284.98 ; Cresson Legacy, \$379.45.

Dr. J. T. Rothrock delivered a course of lectures on Botany and Trees, in Horticultural Hall, in the Fairmount Park, fourteen in number, to a larger audience, ranging from one hundred to two hundred, than in 1878.

The Committee recommend that Dr. Rothrock should continue his lectures the present year, and that an appropriation out of the income of the Michaux Legacy be made for that purpose, of \$280, and \$50 for advertising the lectures.

ELI K. PRICE, *Chairman.*

JANUARY 24, 1879.

On motion the recommendation embodied in the report was adopted, as follows :

Resolved, That an appropriation be and is hereby made from the income of the Michaux Legacy, of \$280, for a course of fourteen lectures in Fairmount Park, by Dr. J. T. Rothrock, on Botany, Sylviculture and Agriculture ; and \$50 for advertising said lectures.

Mr. Fraley reported, that he had received and paid over to the Treasurer, the quarterly interest from the Michaux Legacy, due January 1, 1879, amounting to \$132.43.

A communication was received from Mr. Geo. W. Morrison, Philadelphia, January 3, 1879, respecting a successful coal dust burning apparatus. On motion this communication was referred to the Board of Officers and Council at their next meeting.

And the meeting was adjourned.